AMENDMENTS

IN THE CLAIMS

Please amend claims 1-7, 10-11, 14 and 20 as follows:

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1.   (Five Times Amended) An automotive tubular reflector comprising:

[a] an automotive faceted elongated reflector [portion] extending from a first surface end to a second surface end, the automotive faceted elongated reflector [portion] positioned on [either side] both sides of an elongated tubular light source, the automotive faceted elongated reflector [portion] reflecting light emanating from the elongated tubular light source towards [an] a rectangular aperture of the automotive tubular reflector[,] ; and

[a] an automotive elongated semi-circular reflector having a smooth reflective surface, the automotive elongated semi-circular reflector [coupled] connected to the first surface end of the automotive faceted elongated reflector [portion], wherein the elongated tubular light source is freely positioned within the automotive elongated semi-circular reflector so that light emanating from the elongated tubular light source is reflected off of the [semi-circular reflector] smooth reflective surface of the automotive elongated semi-circular reflector and re-directed to pass through [from] the elongated tubular light source towards the rectangular aperture of the automotive [tubular] elongated reflector.

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2.   (Once Amended) The invention of claim 1 wherein the automotive faceted elongated reflector [portion] is a semi-elliptical reflector.

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3.   (Once Amended) The invention of claim 1 further comprising a lens means coupled to the automotive faceted elongated [semi-circular] reflector, the lens means processing the reflected light.

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4.   (Twice Amended) The invention of claim 1 further comprising several [a] reflective surfaces [surface] disposed on the automotive faceted elongated reflector [smooth semi-circular surface].

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5.   (Once Amended) The invention of claim <u>1</u> [2] further comprising a reflective finish [surface] disposed on the <u>automotive elongated</u> semi-circular reflector.

6.   (Once Amended) The invention of claim 5 wherein the reflective finish disposed on the <u>automotive elongated</u> semi-circular reflector is essentially the same as a reflective finish disposed on the <u>automotive faceted elongated reflector</u> [semi-circular surface].

7.   (Five Times Amended) An automotive [tubular] <u>elongated</u> reflector comprising:

an <u>automotive half-circle</u> [a semi-circular] reflector having an elongated tubular light source <u>freely positioned within</u> [mounted in] the <u>automotive half-circle</u> [semi-circular] reflector, the <u>automotive half-circle</u> [semi-circular] reflector reflecting light emanating from the elongated tubular light source; and

a multi-faceted reflector [coupled] <u>connected</u> to the <u>automotive half-circle</u> [semi-circular] reflector, the multi-faceted reflector having at least two facets positioned at angles to one another so that light emanating from the elongated tubular light source is reflected away from the elongated tubular light source <u>and projected into an automotive signal lighting beam pattern</u>.

10.   (Once Amended) The invention of claim <u>8</u> [9] wherein [the] <u>a</u> securing means <u>for securing the multi-faceted reflector to the lens means</u> is provided on [said] <u>the multi-faceted</u> reflector.

11.   (Once Amended) The invention of claim 7 wherein the <u>automotive elongated</u> [tubular] reflector is a vehicle stop lamp.

14.   (Five Times Amended) An automotive <u>elongated</u> [tubular] lighting device comprising:

a housing portion having an interior reflecting surface <u>that comprises a plurality of facets</u>;

a first reflective finish disposed on the interior reflecting surface;

an <u>automotive elongated semi-circular</u> [a] reflector portion [coupled] <u>connected</u> to the interior reflecting surface;

an elongated tubular light source <u>freely positioned</u> [mounted] in the <u>automotive elongated</u> semi-circular reflector portion, the <u>automotive elongated</u> semi-circular reflector portion formed around the elongated tubular light source <u>so that light emanating from the elongated tubular light source is reflected off of the automotive elongated semi-circular reflector portion and re-directed to pass through the elongated tubular light source</u>;

a second reflective finish disposed on the <u>automotive elongated</u> semi-circular reflector portion[s]; and

a lens portion coupled to the housing portion;

such that the <u>first and second r</u>eflective finish reflects light from said elongated tubular light source towards the lens portion <u>and wherein each facet location and angle are chosen to create a light distribution pattern that complies with automotive signal lighting requirements</u>.

20.   The invention of claim 14 wherein the <u>automotive elongated semi-circular</u> reflector <u>portion</u> is semi-elliptical.

Please add new claims 21-24:

21.   (New) The invention of claim 7, wherein locations of the at least two facets are set according to points x_i and y_i, and wherein x_i and y_i are determined according to:

$$x_i = \left(y_{i-1} - \frac{x_{i-1}}{\tan(\alpha_1 + (i-1)\beta)} \right) \frac{\sin(\alpha_1 + (i-1)\beta)\sin(i\varphi_1)}{\sin(\alpha_{i+1})} \quad \text{and} \quad y_i = \frac{x_i}{\tan(i\varphi_1)}$$

where $\alpha_1 = \dfrac{\pi/2 + \varphi}{2}, \beta = \dfrac{\varphi}{2}$, and φ are chosen based on a desired length of the at least two facets, and wherein α and β are outer and inner light distribution angles.

22.   (New) The invention of claim 14, wherein each facet location and angle are chosen to create the light distribution pattern that complies with automotive signal lighting requirements by setting desired outer and inner light distribution angles.

23.   (New) The invention of claim 22, wherein each facet location and angle are set according to points x_i and y_i, and wherein x_i and y_i are determined according to:

$$x_i = \left(y_{i-1} - \frac{x_{i-1}}{\tan(\alpha_1 + (i-1)\beta)} \right) \frac{\sin(\alpha_1 + (i-1)\beta)\sin(i\varphi_1)}{\sin(\alpha_{i+1})} \text{ and } y_i = \frac{x_i}{\tan(i\varphi_1)}$$

where $\alpha_1 = \dfrac{\pi/2 + \varphi}{2}$, $\beta = \dfrac{\varphi}{2}$, and φ are chosen based on a desired length of the plurality of facets, and wherein α and β are the outer and the inner light distribution angles.

24.   (New) The invention of claim 14, wherein the light distribution pattern that complies with automotive signal lighting requirements complies with the Federal Motor Vehicle Safety Standards 571.108 ("FMVSS 108").